EFFECT OF FREEZE AND THAW CYCLE AND INCUBATION PERIOD ON THE SOLUBILISATION OF INCLUSION BODY PROTEIN

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SUPERVISOR'S DECLARATION

We hereby declare that we have checked this thesis and in our opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor of Chemical Engineering.

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STUDENT'S DECLARATION

I hereby declare that the work in this thesis is my own except for quotations and summaries which have been duly acknowledged. The thesis has not been accepted for any degree and is not concurrently submitted for award of other degree

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Dedicated to my family and my friends.

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LIST OF SYMBOLS

%	percentage
°C	Degree Celcius
Avg	Average
COV	Coefficient of Variation
g	gram
hr	hour
min	minute
mL	Milli Litre
Std	Standard Deviation
(v/v)	volume/volume
μg	Micro gram
μL	Micro litre

LIST OF ABBREVIATIONS

APS	Ammonium persulphate
BSA	Bovine Serum Albumin
CBB	Coomassie Brilliant Blue
EDTA	Ethylenediaminetetraacetic acid
E. coli	*Escherichia coli*
EGFP	Enhanced Green Flourescent Protein
HCl	Hydrochloric acid
IBs	Inclusion bodies
Inc.P	Incubation period
IPTG	Isopropyl ß-D-1-thiogalactopyranoside
LB	Luria Bertani
N.of.cy	Number of cycle
n-PAGE	Native Polyacrylamide Gel Electrophoresis
OD	Optical Density
r-hGH	Human growth hormone
rpm	Rotation per minute
TEMED	Tetramethyl ethyldiamine